

IN THE CLAIMS

1-6. (Canceled).

7. (Currently amended) An information processing method in a transport system having a plurality of roadside stations disposed along a road and interconnected through a network along the road, said roadside stations each including a radio communication unit for communicating with a mobile body, the method comprising the steps of:

said mobile body transmitting request information to at least one of said plurality of roadside stations, said request information including contents information indicative of contents of a request for a processing for the mobile body, and location information indicative of a location at which said mobile body exists;

a roadside station, which has received said request information, transmitting said request information to other roadside stations through said network; and

each of said plurality of roadside stations, which have received said request information, determining to execute a processing for the mobile body based on said location information when a distance between the mobile body and the

~~processing unit~~ said roadside station along the road falls into a predetermined value, and broadcasting a result of said execution of said processing to said mobile body or to other roadside stations interconnected through the network.

8. (Canceled)

9. (Previously presented) The information processing method according to claim 7, wherein:

said mobile body periodically transmits confirmation information to at least one of said roadside stations capable of performing the radio communication until said mobile body receives said result of said execution of said processing after said request information is transmitted; and

said mobile body determines that said mobile body is not provided with the result of said execution when said mobile body continues the transmission of the confirmation information for a predetermined period of time without receiving any response.

10. (Previously presented) The information processing method according to claim 7, further comprising:

maintaining a result of said execution at the earliest time by one of said roadside stations when said mobile body receives results of said execution from said plurality of roadside stations, and discarding results of the rest of said execution.

11-22. (Canceled)

23. (Currently amended) A transport system having a plurality of roadside stations disposed along roads with relay devices and interconnected through a network along the roads with the relay devices, said roadside stations each including a radio communication unit for communicating with a mobile body, wherein:

each of said roadside stations comprises:

means for directly receiving from the mobile body location information indicative of a location at which the mobile body exists, and route information indicative of a route along which the mobile body is running by using the radio communication unit;

means for broadcasting the location information and the route information to other ~~processing units~~ roadside stations interconnected through the network;

means for determining to execute a processing for the mobile body based on said location information when a distance between the mobile body and ~~the processing unit~~ said roadside station along the roads reaches a predetermined value; and

means for executing said processing for the mobile body based on the determination by said means for determining.

24. (Currently amended) The transport system according to claim 23, wherein said mobile body transmits a plurality of requests to said roadside stations, and said transport system further comprises:

means for directly receiving a vehicle number indicative of said mobile body to be sent with a response to said request; and

each of said roadside stations further comprises:

means for broadcasting a result of said execution of said processing for the mobile body to said mobile body or to other roadside stations interconnected through the network; and

means for determining to execute a processing for the mobile body of said vehicle number, based on said location information when a distance between the mobile body and ~~the processing unit~~ said roadside station along the road reaches a predetermined value.

25. (Previously presented) The transport system according to claim 24, further comprising:

means for starting a timer which measures a period of time for holding said result of said execution of said processing for the mobile body.

26. (Previously presented) The transport system according to claim 24, further comprising:

means for calculating a second location information indicative of a location at which said mobile body will exist at the time said processing should be completed, said second location being calculated by a processing unit in other roadside stations.